

5

CLAIMS:

10

1. A biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis*.

15

2. A biologically active extract according to claim 1, wherein said extract is from *Aframomum aulocacarpus*.

20

3. A biologically active extract according to claim 2, wherein said extract comprises a Labda-8(17),12 diene-15,16-dial compound.

25

4. A biologically active extract according to claim 1, wherein said extract is from *Aframomum danellii*.

30

5. A biologically active extract according to claim 4, wherein said extract comprises a Labda-8(17),12 diene-15,16-dial compound.

6. A biologically active extract according to claim 1, wherein said extract is from *Dracaena arborea*.

7. A biologically active extract according to claim 6, wherein said extract comprises Mannispirostan A.

35

8. A biologically active extract according to claim 1, wherein said extract is from *Eupatorium odoratum*.

9. A biologically active extract according to claim 8, wherein said extract comprises Sakuranetin.

- 5 10. A biologically active extract according to claim 1, wherein said extract is from *Glossocalyx brevipes*.
11. A biologically active extract according to claim 1, wherein said extract is from *Napoleonaea imperialis*.
- 10 12. A biologically active extract according to claim 1, wherein said extract is from at least one of roots, stem bark, leaves, fruits or seeds from said plant.
13. A method of preparing a biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis*, the method comprising:
- 15 pulverizing at least a part of said plant;
selecting a solvent which dissolves or solubilizes a desired biologically
20 active compound from said plant;
combining said solvent and said pulverized plant to extract said desired biologically active compound; and
removing said solvent from said extract of said desired biologically active compound.
- 25 14. A method according to claim 13, wherein said plant comprises *Aframomum aulocacarpus*.
15. A method according to claim 13, wherein said plant comprises *Aframomum danellii*.
- 30 16. A method according to claim 13, wherein said plant comprises *Dracaena arborea*.
- 35 17. A method according to claim 13, wherein said plant comprises *Eupatorium odoratum*.

5

18. A method according to claim 13, wherein said plant comprises *Glossocalyx brevipes*.

19. A method according to claim 13, wherein said plant comprises *Napoleonaea imperialis*.

20. A topical composition comprising a biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis* in a topical carrier.

21. An oral composition comprising a biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis* in an oral carrier.

22. An intravenous composition comprising a biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis* in an intravenous carrier.

23. A method of treating a fungal or protozoal disease in a mammal comprising applying a biologically active extract from at least one plant selected from the group consisting of *Aframomum aulocacarpus*, *Aframomum danellii*, *Dracaena arborea*, *Eupatorium odoratum*, *Glossocalyx brevipes* and *Napoleonaea imperialis*.

24. Method according to claim 23, comprising applying a topical composition containing said biologically active extract.

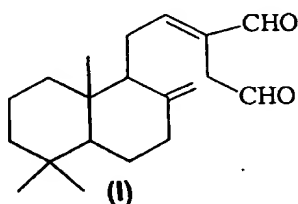
35

25. Method according to claim 23, comprising ingesting an oral composition

5 containing said biologically active extract.

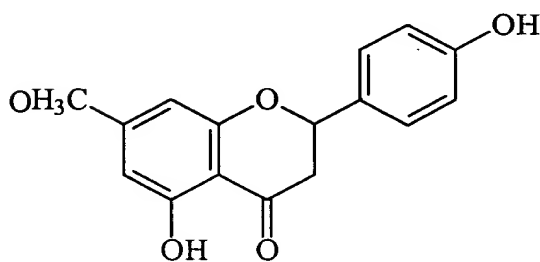
26. Method according to ~~claim~~ 23, comprising injecting an intravenous composition containing said biologically active extract.

10 27. A compound comprising:



15

28. A compound comprising:



(II)

$C_{17}H_{18}O_4$

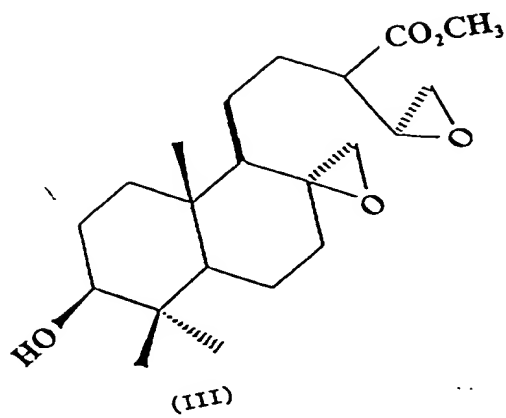
286.32

286.120509

C 71.3% H 6.3% O 22.4%

5 29. A compound comprising:

10



15

*add
H₂*